

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An attaching method of attaching an additional image to a one-page image that is obtained by drawing one or more objects including at least one bitmap object in bitmap format in a predetermined sequence, the attaching method comprising:

- a) determining whether or not an object that is to be drawn is a bitmap object;
- b) if the object is determined to be a bitmap object in the step a), determining whether or not the object is a background object representing a background of the one-page image; and
- c) if the object is determined to be a background object in the step b), drawing an additional image after drawing the background object.

2. (Previously Presented) The attaching method according to claim 1, wherein:
the determination in the step a) is performed while drawing the one or more objects to obtain the one-page image;

the determination in the step b) as to whether or not an object is a background object is performed every time the object was determined to be a bitmap object in the step a);
and

if the object is determined to be a background object in the step b), an additional image is drawn after the background object is drawn in the step c) but before another object that is to be drawn after the background object has been drawn.

3. (Original) The attaching method according to claim 1, further comprising d)
drawing the additional image before drawing any other object but the background object.

4. (Original) The attaching method according to claim 1, wherein the object is determined to be a background object in the step b) if the size of the object is substantially the same as the size of a recording medium on which the one-page image is printed out.

5. (Original) The attaching method according to claim 1, wherein the object is determined to be a background object in the step b) if a drawing region of the object and a drawing region of the additional image overlap and if a portion of the drawing region of the object that overlaps the drawing region of the additional image is white or a pale color.

6. (Original) The attaching method according to claim 1, wherein the object is determined to be a background object in the step b) if the object matches a registered background object.

7. (Original) The attaching method according to claim 1, wherein the object is determined to be a background object in the step b) if a background identification information is associated with the object, the background identification information denoting that the object is a background object.

8. (Original) The attaching method according to claim 1, further comprising e) determining whether or not a re-draw setting has been made by a user, wherein the additional image is drawn in the step c) only if it is determined in the step e) that the re-draw setting has been made.

9. (Original) The attaching method according to claim 1, wherein the additional image is a watermark.

10. (Previously Presented) A drawing processing system comprising:
storing means for storing a record file for one-page image, the record file including object records each representing an object;
record fetching means for fetching the object records one-by-one in a predetermined sequence from the record file;

object drawing means for analyzing the object record fetched by the record fetching means and for drawing an object of the object record;

determination means for determining whether or not an object corresponding to the object record fetched by the record fetching means is a background object in a bitmap format, the background object representing a background; and

additional image drawing means for drawing an additional image;

wherein if the determination means has determined that the object is a background object, the additional image drawing means draws the additional image after the object drawing means has drawn the object that was determined to be the background object.

11. (Original) The drawing processing system according to claim 10, wherein the additional image drawing means draws the additional image after the object drawing means has drawn the object but before the object drawing means draws another object that is to be drawn after the object has been drawn.

12. (Original) The drawing processing system according to claim 10, wherein the additional image drawing means draws the additional image before the object drawing means draws any object.

13. (Previously Presented) The drawing processing system according to claim 10, wherein the determination means includes:

a first determination means for determining whether or not the object is a bitmap object in a bitmap format;

a second determination means for determining, if the object has been determined to be a bitmap object by the first determination means, whether or not the bitmap object represents a background; and

a third determination means for determining that the object is a background object if the bitmap object has been determined to represent a background by the second determination means.

14. (Original) The drawing processing system according to claim 13, wherein the second determination means determines that the bitmap object represents a background if the size of the bitmap object is substantially the same as the size of a recording medium onto which the one-page image is printed out.

15. (Original) The drawing processing system according to claim 13, wherein the second determination means determines that the bitmap object represents a background if a drawing region of the bitmap object overlaps a drawing region of the additional image and if a portion of the drawing region of the bitmap object that overlaps the drawing region of the additional image is white or a pale color.

16. (Original) The drawing processing system according to claim 15, wherein the second determination means determines that the bitmap object represents a background if the entirety of the portion of the bitmap object that overlaps the drawing region of the additional image is white or a pale color.

17. (Previously Presented) The drawing processing system according to claim 13, further comprising:

object generating means for, by application software, generating one or more objects for the one-page image;

record file generating means for generating a record file including one or more object records corresponding to the respective one or more objects; and

background object storage means for storing background data representing a background object provided by the application software;

wherein

the determination means determines that the bitmap object represents a background if the bitmap object matches the background object corresponding to the background data stored in the background object storage means.

18. (Original) The drawing processing system according to claim 10, further comprising:

generating means for, by application software, generating one or more objects for the one-page image;

record file generating means for generating a record file including one or more object records corresponding to the respective one or more objects, the record file further including a background identification information located in front of an object record representing a background object, the background identification information indicating that a corresponding object is a background object; and

the determination means determines that the object is a background object if the background identification information is attached to the object record that has been fetched by the record fetching means.

19. (Original) The drawing processing system according to claim 10, further comprising:

record file processing means for generating a processed record file from the one-page image that includes the object records drawn by the object drawing means and the additional image drawn by the additional image drawing means by sequentially converting objects included in the one-page image and an object of the additional image into the object records in the predetermined sequence;

conversion means for converting the object records of the processed record file into one of page description language data and raster data in the predetermined sequence.

20. (Previously Presented) The drawing processing system according to claim 10, wherein:

the object drawing means draws an object by converting a corresponding object record fetched by the record fetching means into one of page description language and raster data; and

the additional image drawing means draws the additional image by converting the additional image into one of page description language and raster data.

21. (Previously Presented) The drawing processing system according to claim 10, further comprising:

generating means for, by application software, generating one or more objects for the one-page image; and

record file generating means for generating a record file including one or more object records corresponding to the respective one or more objects, the record file further including a background identification information located in front of an object record representing a background object, the background identification information indicating that a corresponding object is a background object;

wherein

the determination means determines whether or not the object is a background object and the additional image drawing means draws the additional image after the background object has been drawn only if the application software is a presentation software.

22. (Original) The drawing processing system according to claim 19, wherein the determination means determines whether or not the object is a background object and the additional image drawing means draws the additional image after the background object has been drawn only if specified from an exterior.

23. (Original) The drawing processing system according to claim 10, wherein the additional image is in bitmap format.

24. (Original) The drawing processing system according to claim 10, wherein the additional image is a watermark.

25. (Previously Presented) A computer-readable storage medium storing a computer-executable program for attaching an additional image to a one-page image that is obtained by drawing one or more objects including at least one bitmap object in bitmap format in a predetermined sequence, the program comprising:

a) instructions for determining whether or not an object that is to be drawn is a bitmap object;

b) instructions for if the object is determined to be a bitmap object, determining whether or not the object is a background object representing a background of the one-page image; and

c) instructions for, if the object is determined to be a background object, drawing an additional image after drawing the background object.

26. (Previously Presented) The computer-readable storage medium according to claim 25, wherein:

the determination by the instructions a) is performed while drawing the one or more objects to obtain the one-page image;

the determination by the instructions b) as to whether or not an object is a background object is performed every time the object was determined to be a bitmap object by the instructions a); and

if the object is determined to be a background object by the instructions b), an additional image is drawn after the background object is drawn by the instructions c) but before another object that is to be drawn after the background object has been drawn.

27. (Previously Presented) The computer-readable storage medium according to claim 25, wherein the program further comprises d) instructions for drawing the additional image before any other object but the background object has been drawn.

28. (Previously Presented) The computer-readable storage medium according to claim 25, wherein the object is determined to be a background object by the instructions b) if the size of the object is substantially the same as the size of a recording medium on which the one-page image is printed out.

29. (Previously Presented) The computer-readable storage medium according to claim 25, wherein the object is determined to be a background object by the instructions b) if a drawing region of the object and a drawing region of the additional image overlap and if a portion of the drawing region of the object that overlaps the drawing region of the additional image is white or a pale color.

30. (Previously Presented) The computer-readable storage medium according to claim 25, wherein the object is determined to be a background object by the instructions b) if the object matches a registered background object.

31. (Previously Presented) The computer-readable storage medium according to claim 25, wherein the object is determined to be a background object by the instructions b) if a background identification information is associated with the object, the background identification information denoting that the object is a background object.

32. (Previously Presented) The computer-readable storage medium according to claim 25, wherein the program further comprises e) instructions for determining whether or not a re-draw setting has been made by a user, wherein the additional image is drawn by the instructions c) only if it is determined by the instructions e) that the re-draw setting has been made.

33. (Previously Presented) The computer-readable storage medium according to claim 25, wherein the additional image is a water mark.

34. (Previously Presented) A drawing processing device comprising:
storing means for storing a recode file for one-page image, the record file including object records each representing an object;
record fetching means for fetching the object records one-by-one in a predetermined sequence from the record file;
object drawing means for analyzing the object record fetched by the record fetching means and for drawing an object of the object record;
determination means for determining whether or not an object corresponding to the object record fetched by the record fetching means is a background object in a bitmap format, the background object representing a background; and
additional image drawing means for drawing an additional image;
wherein
if the determination means has determined that the object is a background object, the additional image drawing means draws the additional image after the object drawing means has drawn the object that was determined to be the background object.

35. (Original) The drawing processing device according to claim 34, wherein the additional image drawing means draws the additional image after the object drawing means has drawn the object but before the object drawing means draws another object that is to be drawn after the object has been drawn.

36. (Original) The drawing processing device according to claim 34, wherein the additional image drawing means draws the additional image before the object drawing means draws any object.

37. (Previously Presented) The drawing processing device according to claim 34, wherein:

the determination means includes a first determination means for determining whether or not the object is a bitmap object in a bitmap format;

a second determination means for determining, if the object has been determined to be a bitmap object by the first determination means, whether or not the bitmap object represents a background; and

a third determination means for determining that the object is a background object if the bitmap object has been determined to represent a background by the second determination means.

38. (Original) The drawing processing device according to claim 37, wherein the second determination means determines that the bitmap object represents a background if the size of the bitmap object is substantially the same as the size of a recording medium onto which the one-page image is printed out.

39. (Original) The drawing processing device according to claim 37, wherein the second determination means determines that the bitmap object represents a background if a drawing region of the bitmap object overlaps a drawing region of the additional image and if a portion of the drawing region of the bitmap object that overlaps the drawing region of the additional image is white or a pale color.

40. (Original) The drawing processing device according to claim 39, wherein the second determination means determines that the bitmap object represents a background if the entirety of the portion of the bitmap object that overlaps the drawing region of the additional image is white or a pale color.

41. (Previously Presented) The drawing processing device according to claim 37, further comprising:

object generating means for, by application software, generating one or more objects for the one-page image;

record file generating means for generating a record file including one or more object records corresponding to the respective one or more objects; and

background object storage means for storing background data representing a background object provided by the application software;

wherein

the second determination means determines that the bitmap object represents a background if the bitmap object matches the background object corresponding to the background data stored in the background object storage means.

42. (Original) The drawing processing device according to claim 34, further comprising:

generating means for, by application software, generating one or more objects for the one-page image;

record file generating means for generating a record file including one or more object records corresponding to the respective one or more objects, the record file further including a background identification information located in front of an object record representing a background object, the background identification information indicating that a corresponding object is a background object; and

the determination means determines that the object is a background object if the background identification information is attached to the object record that has been fetched by the record fetching means.

43. (Original) The drawing processing device according to claim 34, further comprising:

record file processing means for generating a processed record file from the one-page image that includes the object records drawn by the object drawing means and the additional image drawn by the additional image drawing means by sequentially converting objects included in the one-page image and an object of the additional image into the object records in the predetermined sequence;

conversion means for converting the object records of the processed record file into one of page description language data and raster data in the predetermined sequence.

44. (Previously Presented) The drawing processing device according to claim 34, wherein:

the object drawing means draws an object by converting a corresponding object record fetched by the record fetching means into one of page description language and raster data; and

the additional image drawing means draws the additional image by converting the additional image into one of page description language and raster data.

45. (Previously Presented) The drawing processing device according to claim 34, further comprising:

generating means for, by application software, generating one or more objects for the one-page image; and

record file generating means for generating a record file including one or more object records corresponding to the respective one or more objects, the record file further including a background identification information located in front of an object record representing a background object, the background identification information indicating that a corresponding object is a background object;

wherein

the determination means determines whether or not the object is a background object and the additional image drawing means draws the additional image after the background object has been drawn only if the application software is a presentation software.

46. (Original) The drawing processing device according to claim 34, wherein the determination means determines whether or not the object is a background object and the additional image drawing means draws the additional image after the background object has been drawn only if specified from an exterior.

47. (Original) The drawing processing device according to claim 34, wherein the additional image is in bitmap format.

48. (Original) The drawing processing device according to claim 34, wherein the additional image is a watermark.

49. (New) The attaching method according to claim 1, wherein step a) is performed by a drawing processing device.